Bipolar & Tripolar Radio Frequency Facial Device

SE-ST36 User Manual

Http://www.SPAelf.com

Ⅰ.Safety check

1. Before first use of this device, please check whether your local utility voltage is consistent with the device' voltage.
2. Please do not push plug with wet hand to avoid electric shock.
3. Equipment fuse is very important and protective , Customer should not change it.

Ⅱ.Caution

1. Before using, please read user manual .
2. Pay attention to every notice listed in the manual .
3. This instrument has been precision factory colleges, the user shall not open or modified.
4. Please push off power plug when device is off work .
5. Please only operate with device original accessory .Unless with our permission, use other accessory may bring unsafe factor .
6. Equipment away from heat or electromagnetic interference area, do not place heavy objects on the instrument.
7. Keep dry and ventilation equipment, should avoid washout, to keep clean
8. With a soft dry cloth to clean the equipment, do not use a corrosive liquid to clean the instrument. Please disconnect the power before cleaning the instrument.

Note: Please read before using the instrument of the machine warranty, the terms for use of equipment not in accordance with the guidelines of any accident caused by the user's responsibility.

Ⅲ.Function introduction

1. Summary

Aiming at civilization development, medically it is researched and developed RF system, which integrates facial and body slimming, without any side effect. As the modern high-tech equipment, RF machine is widely used in beauty and slimming salons etc.

Multi-polar RF Machine is the newest wireless skin lifting and body slimming in 21 century. Different with operation, people use it on beauty or slimming salons, which is a newly concept integrated with high-tech fruition as multi-functional double-frequency beauty RF system and slimming machine. It eradicates high-effective heat energy, active collagen tissue, enters deep skin layers, to rapidly attain purpose of beautifying face and body.

2. RF

【Tripolar RF】Tripolar RF handpiece, adopts advanced output mode which could treat the tissue more accurately, enhance blood circulation, generate more collagen, at the same time protect the epidermis with cooling, heat up the dermal layer but keep the epidermis at normal temperature. The dermal layer could be heat up to 45°C-60°C, to generate more collagen, improve skin texture, remove wrinkle, tighten and lift skin.

【Bipolar RF】The bipolar RF beauty equipment is the high-tech beauty equipment, great safety and no wound.

When bipolar RF energy penetrates into dermis, the electric energy is translated into thermal energy, accelerating blood circulation. Meanwhile, the temperature of internal tissue is increased, heated collagen fibers are shrunk immediately and rearranged to stimulate regeneration of collagen protein for a long term, reaching instant and subsequent effects of skin tightening and lifting. Continuous Pulse Mode heats dermis incessantly by RF energy, which greatly enhances effects and shortens treatment time to achieve quick treatment and immediate result.

RF takes that epidermis balances normal temperature, RF electric wave produces heat into deep skin as nuclear technique, based on assortments of skin comfortable, harmless, it uses RF electric wave to produce heat exchange, precisely attains skin deep, stimulates inner ion of body, colloid granule with electricity will be forced rapid movement, vibration or attrition, then produce heat energy. As same time, under effect of polarized molecule resonance, it heats collagen tissue of dermis layer. When deep collagen tissue is heated up to 45°C-60°C, it will naturally produce instant shrinking, stimulate protein, and make them rear ray, rebuilt skin soft bracket, finally get tight skin, remove wrinkle, recover skin elasticity and luster.

3. Cold hammer

It is very gentle, made the sensitive skin a ice cool feeling, remove the red spots, calm and release the pains. Massage the face muscles according to grain on the face (move slowly in straight line or in circle).

Ⅳ.Main Function

1, increasing the temperature of the skin tissue and cell functionality: subcutaneous and muscle tissue to increase 4-5 degrees;
2, a strong increase in blood flow: capillary blood flow increased 4-5 fold increase in purified oxygen metabolites, increased nutrients, antibodies, white blood cells and lymph circulation;
3, increasing the flexibility of the collagen fiber organization: 5-10 fold increase muscle elasticity, ligaments, joint capsules and scar tissue (collagen area 40-45 degrees Celsius, most resilient and will not damage the organization);
4, to reduce pain: pain relieve congestion using thermal probe, the contact area or around the nerve pain, reduce muscle, ligament and tissue organization of the connection of pain;
5, the muscle spasms to relax: the outbreak of Al with reduced motor nerve fibers can relax muscle spasms;
6, stimulate wound healing: increased blood flow, telangiectasia of small arteries and increase blood circulation.

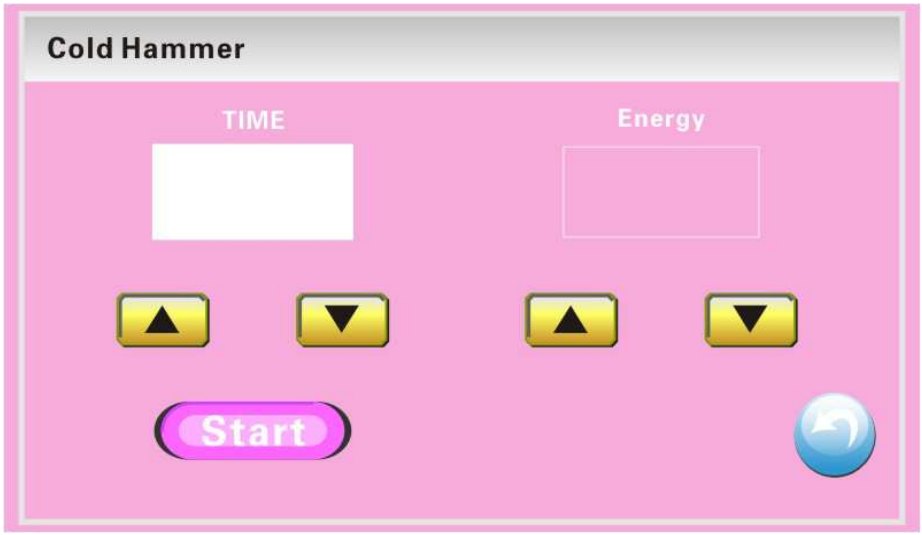
Ⅴ.Feature

1. Surpass surgical face lifting treatment , Skin Tighten
2. Wrinkle Removal 、 Acne Treatment；
3. Anti-aging

Ⅵ. Parts

Bipolar RF Head　　Tri-polar RF Head　　Cold hammer

VII. Interface



Ⅷ. Specification

Environmental requirements:
1.Ambient temperature ： -5℃—50℃；
2.Relative Humidity：20%—90%（Non-Clean condensate ）
Power Specifications ：（AC input ）：
220V±10%，50Hz±
110V±10%，60Hz
Power ： 60W
Equipment size ： 20*52*68 CM

Ⅸ. operation instruction

1. Before using the machine, please be sure to check whether the accessories are connected well or not.
2.machine operation working environment ： Avoid operation in wet ,hot temperature environment .

3. Working condition ： Be sure to use in your local available voltage .（220V ， 110V）
4. First plug in the power, press then switch on the power of the control panel , at the same ,machine will sound “ Boom “ Press botton [START/PAUSE], instrument display digital flashing condition, that means it is turned on .
5. Cables of accessories must be connected well with the sockets of the mainframe. Be sure to avoid inferior connection and lead to the useless of accessories.
6. Time adjusting : 0-60 min ,according to treatment area . Energy adjusting : 00-10 ,according to customers’ condition.
7. After finish, be sure to clean and disinfect the accessories. But don’t use the alcohol or evaporating disinfector to clean the mainframe. It will induce the mainframe broken.

Make sure to clean the residual products, to avoid products back to the mainframe, and damage the machine.

Remark：

1. Timing ： 00-60 Min.； Energy ： 00 -10;
2. Tripolar RF head ： Three thermal cycles, each cycle of 3 seconds a lap; any contact with 2 points, will be through the heat, and equipped with a spring device, so that better contact with the stage! Heating temperature of 45 - through 68 degrees;

3 Bipolar RF：Must come into contact with inside and outside the loop, the maximum temperature of 68 degrees, the bottom of the indoor temperature;

4 Cold hammer ：Equipped with a small fan, use the time more durable than the lowest temperature of 10-15 degrees with low temperature division.

Ⅹ.Operation Notice

1.Prohibit：

1. Women who have baby or during lactation.
2. Who with epileptic.
3. Who with malignancy.
4. Who with acute inflammation or with pain and diseases.
5. Who with wound not healed up after operation.
6. Who with heart disease or heart pacemaker.

2. Pls check operation head whether is broken, to avoid injury .Please keep clean.
3. During treatment, Metal conductive panel and RF head should be applied along skins firmly.
4. During setting the intensity, please follow the customer skin quality, make sure it is comfortable. Do not set it too high to make skin with discomfort symptoms.
5. Please clean your face before operation, take half cup of water to supplement after treatment.
6. If you face any accumulation of water due to fluid collection reasons, if the location of the

water treatment will become even worse, when this happens, your physical therapy peripheral lymphoid structures such as ears and neck and so on. If the line structure toward the anti-lymphatic therapy will be put to the inflatable face.

7. Please apply cold pack or moist pack at that day after treatment, avoid bathing.
8. Keep panel and operation head surface clean.

Maintaining Notices

Portable multi-polar radio frequency device is assembled by precise electronic components. It can be wetted .So keep away from wet environment .Especially for the keep of Current output line .

1. Please turn off the main power after use, then unplug the power plug.

2. Keep it out of place with sunshine directly irradiation.

3. Push off Power supply wire after using , keep it away from main machine.

4. At no time in the bathroom and other places of high humidity the use and storage of equipment. Do not let the water spill on the host; I am afraid, a short circuit or touch.

5. After therapy, only use wet cotton to clean accessory , and then panel ,be sure not use alcohol .

Parameter Reference

Input power		AC220V/50Hz			40W	
Accessory	voltage (V)	current (A)	Working current (A)	Frequency (±5%)	Output intensity	
					Least ±5%	Largest ±5%
Bipolar	AC12	≤0.08	≤1.85	1000kHz	5W	25W
Tripolar	AC12	≤0.12	≤1.85	1000kHz	5W	25W
Cold hammer	AC12	≤0.08	≤0.7		0W	ambient temperature 25℃ : 15℃

Accessory	Power (±5%)	Working power (±5%)	Working Frequency (±5%)	Output intensity	
				Least ±5%	Largest±5%

Bipolar	4W	30W	50Hz	5W	25W
Tripolar	5W	31W	50Hz	5W	25W
Cold hammer	4W	14W	50Hz		ambient temperature ： 15℃

Accessory List

Description	Qty	
Main machine	1	set
Tripolar RF Head	1	pc
Bipolar RF Head	1	pc
Cold Hammer	1	pc
Accessory frame	1	pc
Fuse	2	pc
Power cord	1	pc
carton	1	pc